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Only men with long experience need apply. Applications to be given in writing stating age, experience, recommendations and salary expected. American Electrical Novelty and Manufacturing Company, 308 Hudson Street, New York. Inquiry No. 4302.—For makers of hose, hose reels, cut-off nozzles, spanners, hydrant wrenches, axes, etc. Send for new and complete catalogue of Scientific and other Books for sale by Munn & Co., 361 Broadway, New York. Free on application.

RECENTLY PATENTED INVENTIONS.

Miscellaneous.

RAW-WOOL-WASHING APPARATUS.—A. HASS, and E. BARUCH, San Francisco, Cal. The aim of this invention is to provide an apparatus for use in local wool-growing centers, to allow of washing or cleansing raw sheep's wool and other textile fibers without the use of plants or machinery, and to remove natural greases, fats, dirt and other extraneous matter from fibers and to convert the by-products into merchantable materials. CAMERA.—G. H. LEE, Omaha, Neb. Mr. Lee's invention is an improvement in film cameras, and the object is the severance of the film at any desired point, when only a part of it has been exposed, and the development of the exposed part of the film and the preservation of the balance in proper position, with connections for subsequent use, the whole operation being conducted in daylight, without the use of a dark room. The same inventor has secured another patent on a camera, wherein to provide means for preventing the accidental or inadvertent exposure of a sensitive film while the bellows is folded, but the camera-door open. It sometimes happens that careless pressure upon the shutter-working bulb will ruin an exposed film or prematurely expose a sensitive film. In the present invention an automatic shutter connected to and worked by the movement of the bellows in folding and unfolding, prevents this. CALENDAR.—G. H. T. SCRIBNER, Emporia, Kan. Broadly stated, this invention consists in so combining calendar sheets and an advertising-card that they are permanently connected, yet advertising matter on the card is constantly displayed through an opening at the top of the calendar proper. The sheets may be turned and folded over the back of the cards at the ends of the respective months, and preserved for future reference. LOOM HEDDLE-FRAME.—R. G. WIRTALLA, New York, N. Y. Means are provided in this case by which the adjustment, removal, and insertion of the heddles can be easily, quickly, and readily performed without hurting the operator's hands, because it is not necessary to forcibly lift the heddle-bars and strain the heddles strung thereon. This is attained by the employment of a stay-hook which is removably attached to the heddle-frame and easily slipped from engagement with the heddle-bars. PUZZLE.—C. L. SMITH, Leipsic, Ohio. The board in this puzzle is provided with a vertical rim, and a center space with vertical walls serves as a retention pen for a series of smaller balls. Channels extend through the walls, and means are given to get the small balls into a larger one and then rolling the latter over a band into the pen and there effecting discharge of the smaller balls therefrom. To begin, all the balls may be first placed in the channels in which they are free to roll, and the smaller ones are then picked up by the larger one and carried into the inclosure. LACE-FASTENER.—F. W. LEOPOLD, New York, N. Y. The inventor's object in view is the provision of an inexpensive contrivance for easily and quickly fastening a lace or cord by pulling or thrusting the lace or cord into the fastener, the introduction or removal of the lace being facilitated by the form given to the hook or stud embodying this invention. NOTE.—Copies of any of these patents will be furnished by Munn & Co. for ten cents each. Please state the name of the patentee, title of the invention, and date of this paper.

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AND EACH BEARING THAT DATE.

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Table with 3 columns: Item, Price, Item. Wells, apparatus for removing drill tools from, Irvine & Braden 730,460. Wheel, E. W. Mackenzie-Hughes 730,548. Wheel fastener and axle protector, G. Wood 730,429. Wheels, manufacturing, H. Ehrhardt 730,355. Winding machine, ball or cop, J. Good 730,635. Windmill adjustable foot gear, J. D. Downie 730,524. Window, D. G. Ednie 730,243. Window driver, J. G. Rostek 730,843. Wire instrument, hot, M. C. Ryplinski 730,405. Wire straightening machine, F. W. Mallett 730,549. Wire stretcher, J. V. Anderson 730,331. Wiring machine, Wilson & Brown 730,427. Wool washing suds, treating, C. Shepherd 730,305. Wrench, T. L. Kennedy 730,269. Wrench, J. B. Tupper 730,587.

DESIGNS. Brooch or buckle plate or similar article, P. O. Dickinson 36,351. Dish, metal, S. Stohr 36,354. Radiator, J. R. Wetherpoon 36,353. Tiling, O. Bergstrom 36,356. Type, font of, W. Evans 36,358. Type, font of printing, B. Nadall 36,357.

TRADE MARKS. Antitoxic serums, Ichthyol Gesellschaft, Cordes, Hermann & Co. 40,562. Beer, ale, porter, stout, and malt extract, Kamm & Schellinger Brewing Co. 40,544. Bluing, Troy Laundry Machinery Co. 40,536. Clocks, American El. Nov. & Mfg. Co. 40,566. Compounds used for headache, neuralgia, and similar complaints, proprietary, E. Lautenbach 40,560. Cooling apparatus, certain named, Polar Creamery Co. 40,574. Corsets, Kops Bros. 40,528. Corsets, W. Fitch 40,529. Delft ware and chinaware, Aktieselskabet Alundia 40,572. Ear protectors, C. Greenwood 40,527. Eggs, F. W. Blankenbuhler 40,538. Flour, Chinese American Commercial Co. 40,539. Formaldehyde compounds, P. W. Squire 40,561. Fur garments, Kohn & Baer 40,526. Hair tonic, W. McCormack 40,550. Harmonicas, mouth, M. Hohner 40,569. Horseshoes, rubber, Calumet Tire Rubber Co. 40,575. Incandescent mantles and burners, American El. Nov. Co. 40,567. Lamps, night, Silver & Co. 40,568. Mattresses, Newark Spring Mattress Co. 40,533. Medical compound for cure of certain named diseases, Weaver's Pharmacy 40,554. Medicinal drinking water, J. F. Christian 40,546. Medicinal preparations, certain named, I. Radam 40,552. Medicines for bust development, L. Wang 40,553. Ointment, C. P. J. Bryant 40,563. Paper, blue print, Keuffel & Esser Co. 40,523. Paper, drawing, Keuffel & Esser Co. 40,519. Paper, tracing, Keuffel & Esser Co. 40,520. Pickles, Glaser, Kohn & Co. 40,522. Preparations for cure of certain named diseases, Fitchumal Company 40,551. Remedies for certain named diseases, J. Krone 40,555. Remedy for tapeworm and similar parasitic ailments, C. F. Boehringer & Soehne 40,558. Remedy for rheumatism, C. Hurley 40,557. Remedy for sore throat, Berg Medicine Co. 40,556. Remedy for venereal diseases, C. I. Biekmun 40,559. Shoe insoles, J. Dawson 40,530. Shoes, leather, Goodfellow-Brookes Shoe Co. 40,531. Skin toning effect, liquid having a, J. P. Stratton 40,549. Soap, laundry, Troy Laundry Machinery Co. 40,535. Spool cotton thread and sewing cotton, American Thread Co. 40,524. Studs, shirt, Horton Angell Co. 40,565. Suspensories, Ohio Truss Co. 40,532. Talking machines and records, Universal Talking Machine Mfg. Co. 40,570. Titanium preparations for leather dyeing, C. Dreher 40,534. Tobacco, smoking, Imperial Tobacco Co. 40,540. Tonics, G. L. Wilson 40,547. Tonics, J. Milbau's Son 40,548. Trunks, traveling bags, and dress suit cases, Stealing & Co. 40,571. Water closet bowls, Hitchcock Sunnly Co. 40,572. Water, natural spring, A. A. Low 40,545.

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